

#4

Sheet 1 of 1

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DKT. NO.

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INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

T. HIROSE et al.

FILING DATE

March 8, 2001

GROUP

3723

(Not Assigned)

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|---------------------|--------------------|------------|---------|---------------|----------|-------------|
| dvw | AA | 5.964,643/ | 10-1999 | Birang et al. | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
| | AE | | | | | |
| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |
| | AI | | | | | |
| | AJ | | | | | |
| | AK | | | | | |
| | AL | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Abstract/ Translation | |
|---------------------|--------------------|--------------|---------|-------|----------|--------------------------|----|
| | | | | | | Yes | No |
| dvw | AM | 9-285955/ | 11-1997 | Japan | | X-Abst. | |
| | AN | 2000-009437/ | 01-2000 | Japan | | X-Abst. | |
| | AO | 2000-310512/ | 11-2000 | Japan | | X-Abst. | |
| | AP | 10-233374/ | 09-1998 | Japan | | X-Abst. | |
| | AQ | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AU | |
| | AV | |
| | AW | |
| | AX | |
| | AY | |

Examiner

Jung van Nguyen

Date Considered

8-19-2002

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not consider d. Include copy of this form with next communication to applicant.